**[0016]** FIG. **8** illustrates an exemplary touch screen having a user interface that can change topography to form a virtual keypad according to embodiments of the invention.

**[0017]** FIG. **9** illustrates an exemplary touch screen of an electronic device having a user interface that can change topography according to embodiments of the invention.

**[0018]** FIG. **10** illustrates an exemplary user interface that can change topography using electromechanical devices according to embodiments of the invention.

**[0019]** FIG. **11** illustrates an exemplary user interface that can change topography using electromechanical devices to raise portions of the user interface surface according to embodiments of the invention.

**[0020]** FIG. **12** illustrates an exemplary user interface that can change topography using electromechanical devices to lower portions of the user interface surface according to embodiments of the invention.

**[0021]** FIG. **13** illustrates an exemplary circuit for changing topography of a user interface using electromechanical devices according to embodiments of the invention.

**[0022]** FIG. **14** illustrates an exemplary electromechanical device that can be used for changing topography of a user interface according to embodiments of the invention.

**[0023]** FIG. **15** illustrates an exemplary user interface of a touch screen that can change topography according to embodiments of the invention.

**[0024]** FIG. **16** illustrates an exemplary user interface of a touch screen that can change topography to form a virtual button according to embodiments of the invention.

**[0025]** FIG. **17** illustrates an exemplary method for changing the topography of a user interface of a touch screen according to embodiments of the invention.

**[0026]** FIG. **18** illustrates an exemplary touch sensing device having a user interface that can change topography according to embodiments of the invention.

**[0027]** FIG. **19** illustrates an exemplary touch sensing device having a user interface that can change topography to form a scroll wheel according to embodiments of the invention.

**[0028]** FIG. **20** illustrates an exemplary touch sensing device having a user interface that can change topography to form a keypad according to embodiments of the invention.

**[0029]** FIG. **21** illustrates an exemplary touch sensing device having a user interface that can change topography to form push buttons according to embodiments of the invention.

**[0030]** FIG. **22** illustrates an exemplary touch sensing device having a user interface that can change topography to form a scroll wheel according to embodiments of the invention.

**[0031]** FIG. **23** illustrates an exemplary touch sensing device having a user interface that can change topography to form a scroll wheel and push buttons according to embodiments of the invention.

**[0032]** FIG. **24** illustrates an exemplary user interface that can change topography using shape changeable nodes according to embodiments of the invention.

**[0033]** FIG. **25** illustrates an exemplary user interface that can change topography using shape changeable nodes to raise portions of the user interface surface according to embodiments of the invention.

**[0034]** FIG. **26** illustrates an exemplary user interface that can change topography using shape changeable nodes to lower portions of the user interface surface according to embodiments of the invention.

**[0035]** FIG. **27** illustrates an exemplary circuit for changing topography of a user interface using shape changeable nodes according to embodiments of the invention.

**[0036]** FIG. **28** illustrates an exemplary shape changeable node that can elongate or shrink for changing topography of a user interface according to embodiments of the invention.

**[0037]** FIG. **29** illustrates an exemplary shape changeable node that can rotate for changing topography of a user interface according to embodiments of the invention.

**[0038]** FIG. **30** illustrates an exemplary user interface that can change topography having a sensing device integrated with the user interface according to embodiments of the invention.

**[0039]** FIG. **31** illustrates an exemplary user interface that can change topography having a sensing device applied to a surface of the user interface according to embodiments of the invention.

**[0040]** FIG. **32** illustrates an exemplary user interface that can change topography having a sensing device separate from the user interface according to embodiments of the invention.

**[0041]** FIG. **33** illustrates an exemplary user interface that can change topography by selectively altering shape changeable nodes according to embodiments of the invention.

**[0042]** FIG. **34** illustrates an exemplary user interface that can change topography by selectively pressing on shape changeable nodes according to embodiments of the invention.

**[0043]** FIG. **35** illustrates an exemplary user interface that can change topography by selectively altering shape changeable nodes in response to pressure thereon according to embodiments of the invention.

**[0044]** FIG. **36** illustrates an exemplary touch pad having a user interface that can change topography and selectively activate touch regions associated with the change according to embodiments of the invention.

**[0045]** FIG. **37** illustrates an exemplary user interface of a touch pad that can change topography based on a sensed touch according to embodiments of the invention.

**[0046]** FIG. **38** illustrates an exemplary user interface of a touch pad that can change topography to form a scroll wheel based on a sensed touch according to embodiments of the invention.

**[0047]** FIG. **39** illustrates an exemplary method of changing the topography of a user interface of a touch pad according to embodiments of the invention.

**[0048]** FIG. **40** illustrates an exemplary user interface that can change topography using a shape changeable membrane according to embodiments of the invention.

**[0049]** FIG. **41** illustrates an exemplary user interface that can change topography using a shape changeable membrane to raise portions of the user interface surface according to embodiments of the invention.

**[0050]** FIG. **42** illustrates an exemplary user interface that can change topography using a shape changeable membrane to lower portions of the user interface surface according to embodiments of the invention.

**[0051]** FIG. **43** illustrates an exemplary circuit for changing topography of a user interface using a shape changeable membrane according to embodiments of the invention.

**[0052]** FIG. **44** illustrates an exemplary user interface that can change topography based on a location of a touch event according to embodiments of the invention.